

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****Patentee:** Shen et al.**Assignee:** Atwood Industries, Inc.**U.S. Patent No.:** 5,573,648 **Date Issued:** November 12, 1996**Application No.:** 381,718 **Date Filed:** January 31, 1995**Title:** GAS SENSOR BASED ON PROTONIC CONDUCTIVE  
MEMBRANES

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Mail Stop Reissue  
Commissioner for Patents  
P.O. Box. 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT for**  
**REISSUE OF U.S. PATENT No. 5,573,648**

Dear Sir:

This preliminary amendment is filed herewith a request for reissue application of US Patent No. 5,573,648, a reissue application declaration by the assignee, a statement under 37 C.F.R. 3.73(b), a copy of the specification, figures, abstract and claims and a statement under 37 C.F.R. 1.178(b). Prior to examining the reissue application, please enter the following amendments and remarks. A listing of all claims is provided below for convenient reference.

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